

REMARKS/ARGUMENTS

Upon entry of this amendment, which amends claims 1, 11, and 24 and adds new claims 28-33, claims 1-15 and 24-33 will be pending. In the Office Action, claims 1-15 and 24-27 were rejected under 35 USC §112, first paragraph, as containing subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventors at the time the application was filed had possession of the claimed invention; claims 1-15 and 24-27 were rejected under 35 USC §102(b) as being anticipated by Droessler et al. (U.S. Patent No. 4,866,454, hereinafter "Droessler"); and claims 1-15 and 24-27 were rejected under 35 USC §102(b) as being anticipated by Brusgard et al. (U.S. Patent No. 5,214,438, "Brusgard"). Applicant respectfully requests withdrawal of rejections in view of the amendments and the remarks below.

Examiner Interview

Applicants thank the Examiner for the courtesy of the Interview held on October 24, 2003. During the interview, the cited references were discussed along with the claims.

Section 112 Rejections

Claims 1-15 and 24-27 were rejected under 35 USC §112, first paragraph, as containing subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventors at the time of the application was filed had possession of the claimed invention. Specifically, in claims 1 and 17, the limitation "a collecting device" was asserted to find no support in the specification. Applicant believes that the limitation "a collecting device" does find support in the specification. For example, a cable is described as a device capable of receiving captured signals. Applicant, however, has removed the limitation from claims 1 and 24 and thus rejection is moot. Also, in new claims 28 and 31, a cable is recited that is configured to collect received electromagnetic waves. Applicant submits that new claims 28 and 31 fully comply with requirements of Section 112.

Section 102 Rejections

Claims 1-15

Claim 1 was rejected under 35 USC §102(b) as being anticipated by Droessler and rejected under 35 USC §102(b) as being anticipated by Brusgard. As discussed in the interview, Droessler or Brusgard do not disclose or suggest every element of claim 1, as amended. For example, Droessler or Brusgard do not disclose or suggest "a second reflecting device having a surface for reflecting the optical signals, the surface including a receiver for receiving the reflected electromagnetic waves, wherein the electromagnetic waves are received using the surface that reflects the optical signals."

Droessler discloses a reflecting device 18 configured to reflect IR signals 34. *See Droessler, Fig. 1.* An electromagnetic receiver 14 is provided that is configured to receive MMW (millimeter wave) signals 32. The surface that reflects IR signals 34 in Droessler does not include electromagnetic receiver 14. Accordingly, Droessler does not disclose or suggest a second reflecting device that includes a surface for reflecting optical signals where the surface includes a receiver for receiving the reflected electromagnetic waves. Rather, Droessler includes a reflecting device that reflects IR signals and a separate electromagnetic receiver.

Brusgard discloses a second reflecting device that includes a surface 24 that reflects optical signals. An electromagnetic receiver 12 is provided to receive electromagnetic waves. Surface 24 does not include a receiver to receive electromagnetic waves. Rather, electromagnetic waves pass through surface 24 and are received by electromagnetic receiver 12. Accordingly, Brusgard does not disclose or suggest a second reflecting device that includes a surface for reflecting optical signals where the surface includes a receiver for receiving the reflected electromagnetic waves. Rather, Brusgard discloses a separate electromagnetic receiver 12 for receiving the electromagnetic waves.

Accordingly, applicant respectfully requests withdrawal of the rejection of claim 1. Claims 2-15 and 28-30 depend from claim 1 and thus derive patentability at least therefrom. These claims also recite additional non-obvious and novel features. For example, claim 28 recites a cable coupled to the receiver configured to collect the received electromagnetic waves.

Additionally, the cable is coupled to the surface of the second reflecting device that reflects the optical signals, as recited in claim 29.

Claims 24-27 and 31-33

Claim 24 was rejected under 35 USC §102(b) as being anticipated by Droessler and under 35 USC §102(b) as being anticipated by Brusgard. Applicant submits that neither Droessler nor Brusgard disclose or suggest "a second reflecting device located in the focus area, the second reflecting device including a surface for reflecting the optical signals through the aperture, the surface including a receiver for receiving the reflected electromagnetic waves." Accordingly, applicant respectfully requests withdrawal of the rejection of claim 24.

Claims 25-27 and 31-33 depend from claim 24 and thus derive patentability at least therefrom. These claims also recite additional non-obvious and novel features. For example, claim 31 recites a cable coupled to the receiver that is configured to collect the received electromagnetic waves. Also, claim 32 recites that the cable is coupled to the surface of the second reflecting device that reflects the optical signals. Further, claim 33 recites a second reflecting device comprises a patch antenna.

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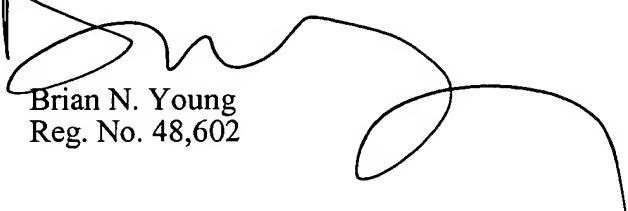
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CONCLUSION

In view of the foregoing, applicants believe all claims now pending in this Application are in condition for allowance and an action to that end is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-576-0200.

Respectfully submitted,


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